

# Interference Search

## EAST Search History

11/2/07  
ATL

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	57	606/144,222,224.ccls. and suture and (j or u) near5 (shape or shaped)	US-PGPUB	ADJ	ON	2007/11/02 16:30
L3	258	606/144,222,224.ccls. and suture and (j or u)	US-PGPUB	ADJ	ON	2007/11/02 16:30

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("5776148").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/11/02 15:47
S1	513	(606/144,139,145-150,181,188, 222-227,167.ccls. or 112/169,80.03. ccls. or 24/706.2-706.9.ccls. or 604/164.08.ccls.) and suture and (j or u) near5 (shape or shaped)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/02 15:46
S2	1	(606/144,139,145-150,181,188, 222-227,167.ccls. or 112/169,80.03. ccls. or 24/706.2-706.9.ccls. or 604/164.08.ccls.) and suture and (j or u) near5 (shape or shaped) and tip near5 protector	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/20 16:35
S3	371	(606/144,139,145-150,181,188, 222-227,167.ccls. or 112/169,80.03. ccls. or 24/706.2-706.9.ccls. or 604/164.08.ccls.) and suture and (j or u) near5 (shape or shaped) and spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/20 16:35
S4	129	(606/144,139,145-150,181,188, 222-227,167.ccls. or 112/169,80.03. ccls. or 24/706.2-706.9.ccls. or 604/164.08.ccls.) and suture and (j or u) near5 (shape or shaped) and spring and actuator	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/20 16:37
S6	0	suture and (j or u) near5 (shape or shaped) and spring and actuator and (pivot or pivotably)	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/04/20 16:38
S7	0	suture and (j or u) near5 (shape or shaped) and spring and actuator	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/04/20 16:38
S8	13	suture and (j or u) near5 (shape or shaped) and spring	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/04/20 16:39
S9	294	suture and (j or u) near5 (shape or shaped)	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/04/20 16:39
S10	106	(606/144,139,145-150,181,188, 222-227,167.ccls. or 112/169,80.03. ccls. or 24/706.2-706.9.ccls. or 604/164.08.ccls.) and suture and (j or u) near5 (shape or shaped) and spring and actuator and (pivot or pivotably)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/06 16:57

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	2028	needle and (moveable near\$2 arm) and tip and actuator.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/17 10:33
S3	6972	needle and (moveable near\$2 arm) and tip and actuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/17 10:33
S4	165604	needle and (moveable near\$2 arm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/17 10:33
S5	5551	needle and (moveable near\$2 arm) and tip and actuator.detd.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/18 13:42
S6	4149	S5 and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/17 11:10
S7	989	S6 and suture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/17 11:10
S8	43	("4820277"   "4883469"   "4888001"   "4976699").PN. OR ("5151089").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 11:37
S9	25	needle and distal and taper\$2 and tip and moveable near2 arm and actuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/17 12:02
S10	44	needle and distal and spring and tip and moveable near2 arm and actuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/17 12:05
S11	51	needle and distal and tip and moveable near2 arm and actuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/17 12:05

## EAST Search History

S12	41	(US-20040236356-\$ or US-20040171989-\$ or US-20050038449-\$ or US-20050059982-\$ or US-20050216037-\$ or US-20030158582-\$ or US-20020095164-\$ or US-20020072711-\$ or US-20030055438-\$).did. or (US-5215528-\$ or US-6117144-\$ or US-6126665-\$ or US-6562052-\$ or US-6663643-\$ or US-5749879-\$ or US-5817108-\$ or US-5980538-\$ or US-5665096-\$ or US-5468251-\$ or US-5571119-\$ or US-5626588-\$ or US-5144961-\$ or US-6183484-\$ or US-5964773-\$ or US-5741277-\$ or US-5632752-\$ or US-6206893-\$ or US-6921408-\$ or US-2246495-\$ or US-6030402-\$ or US-3570076-\$ or US-5205829-\$ or US-6475135-\$ or US-5728113-\$ or US-5258007-\$). did. or (US-5538509-\$ or US-6113610-\$ or US-5645552-\$ or US-5562686-\$ or US-5368601-\$). did. or (US-2959172-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 12:11
S13	41	(US-20030055438-\$ or US-20040171989-\$ or US-20020072711-\$ or US-20020095164-\$ or US-20030158582-\$ or US-20040236356-\$ or US-20050038449-\$ or US-20050059982-\$ or US-20050216037-\$).did. or (US-6117144-\$ or US-6562052-\$ or US-5728113-\$ or US-5749879-\$ or US-5741277-\$ or US-5980538-\$ or US-6113610-\$ or US-5817108-\$ or US-5538509-\$ or US-6475135-\$ or US-2246495-\$ or US-6206893-\$ or US-6921408-\$ or US-5645552-\$ or US-5258007-\$ or US-5144961-\$ or US-5215528-\$ or US-5205829-\$ or US-3570076-\$ or US-5562686-\$ or US-6030402-\$ or US-5468251-\$ or US-5964773-\$ or US-5632752-\$ or US-5665096-\$ or US-5626588-\$). did. or (US-5368601-\$ or US-6183484-\$ or US-5571119-\$ or US-6126665-\$ or US-6663643-\$). did. or (US-2959172-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 12:11

## EAST Search History

S14	11	(US-20020049453-\$ or US-20030181926-\$ or US-20010039401-\$ or US-20050113848-\$).did. or (US-5520703-\$ or US-5151089-\$ or US-5366476-\$ or US-5575800-\$ or US-6022360-\$ or US-5507757-\$ or US-5403328-\$).did.	US-PGPUB; USPAT	OR	ON	2006/10/17 12:11
S15	0	S12 and S13 and S14 and needle	US-PGPUB; USPAT	OR	ON	2006/10/17 12:12
S16	51	S12 or S13 or S14 and needle	US-PGPUB; USPAT	OR	ON	2006/10/17 12:12
S17	49	(S12 or S13 or S14) and needle	US-PGPUB; USPAT	OR	ON	2006/10/17 12:13
S18	105	("1037864"   "1449087"   "1822330"   "2213830"   "2549731"   "2579192"   "2601564"   "2737954"   "2959172"   "3090386"   "3168097"   "3470875"   "3807407"   "3901244"   "3946740"   "4075941"   "4103690"   "4557265"   "4635638"   "4827931"   "4830002"   "4841885"   "4852568"   "4890615"   "4907590"   "4923461"   "4957498"   "5037433"   "5047039"   "5109780"   "5129912"   "5152769").PN. OR ("5403328").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 12:21
S19	77	("1583271"   "4440171"   "4462395"   "4596249").PN. OR ("5152769").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 12:23
S20	37	("0377160"   "0818152"   "1110468"   "1377359"   "3116707"   "3160157"   "4527564"   "4586926"   "5059207"   "5112344").PN. OR ("5336239").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 12:26
S21	35	("0029648"   "0151179"   "0818152"   "2516710"   "3037619"   "4527564"   "5037433"   "5059207"   "5152769"   "5219358"   "5222951"   "5304184"   "5306280"   "5318577"   "5320632"   "5336239"   "5350385"   "5370646"   "5374275"   "5403329"   "5439469"   "5462561"   "5468251"   "5503634").PN. OR ("5653717").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 12:27

## EAST Search History

S22	38	("0373372"   "0389235"   "3638653"   "3840017"   "4011873"   "4224947"   "4527564"   "4610665"   "4693257"   "5009391"   "5053046"   "5059207"   "5152769"   "5209219"   "5318577"   "5336239"   "5391174").PN. OR ("5503634").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 12:29
S23	8	("0919138"   "2959172"   "5368601"   "5403328"   "5403329"   "5458609").PN. OR ("D381078"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 12:36
S24	32	("4665906"   "5002563"   "5219358"   "5250055"   "5304184"   "5320632"   "5364408"   "5368601"   "5374275"   "5383882"   "5403328"   "5403329"   "5417699"   "5462561"   "5468251"   "5470338"   "5474568"   "5478353"   "5486183"   "5496332"   "5507744"   "5527321"   "5527322"   "5540704"   "5540705"   "5578044"   "5591179"   "5601572").PN. OR ("5817108"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 12:36
S25	46	("0029648"   "0818152"   "2516710"   "4527564"   "5037433"   "5152769"   "5306280"   "5336239"   "5374275"   "5403329"   "5439469").PN. OR ("5632752"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 12:44

## EAST Search History

S26	64	( "1583271"   "20010001826"   "20010016749"   "20010023354"   "20010039424"   "20010039425"   "20010041902"   "20010044631"   "20010047179"   "20020007189"   "20020022852"   "20020026137"   "20020029050"   "20020058955"   "2008251"   "3160157"   "3665924"   "3790057"   "3908662"   "4076162"   "4349028"   "4397311"   "4523592"   "4819640"   "4873977"   "4917087"   "4917090"   "4917091"   "5042707"   "5104025"   "5197649"   "5242457"   "5346115"   "5403333"   "5431322"   "5437681"   "5439156"   "5456714"   "5490856"   "5496334"   "5540705"   "5542949"   "5643340"   "5653717"   "5741279"   "5817113"   "5860992"   "5868763"   "5891160"   "5895395"   "5904697"   "6110187"   "6165185"   "6171321"   "6190397"   "6206913"   "6241742"   "6251116"   "6254618"   "6352543"   "6371965").PN. OR ("7122040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 12:54
S27	37	( "0377160"   "0818152"   "1110468"   "1377359"   "3116707"   "3160157"   "4527564"   "4586926"   "5059207"   "5112344").PN. OR ("5336239").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 14:20
S28	29	( "0385586"   "2738790"   "4890614"   "5192287"   "5217470"   "5217471"   "5222508"   "5234443"   "5236443"   "5254105"   "5258000"   "5281237"   "5308353"   "5318577"   "5320632"   "5336239"   "5350385").PN. OR ("5439469").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 14:21
S29	1339	((606/139) or (606/138)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/17 16:28
S30	1358	((606/148) or (606/144)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/17 16:29

## EAST Search History

S31	379	(112/169).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/17 16:29
S32	1103	((24/66.8) or (24/67R)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/17 16:29
S33	2508	S29 or S31 or S30 or S32 and (needle same distal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/17 16:31
S34	1192	S33 and (arm or protect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/17 16:32
S35	889	S34 and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/17 16:32
S36	710	S35 and handle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/17 16:32
S37	2	("4790828").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/17 17:12
S38	122	("4735618").PN. OR ("4790828"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 17:13
S39	53	("3840008"   "4735618"   "4790828"   "4795443"   "4820277"   "4826490"   "4850977"   "4863434"   "4863435"   "4863436"   "4886503"   "4887998"   "4898589"   "4904244"   "4911706"   "4950250"   "5092851"   "5108379"   "5242417"   "5348544").PN. OR ("5738665").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 17:17
S40	43	("4820277"   "4883469"   "4888001"   "4976699").PN. OR ("5151089"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 08:56

## EAST Search History

S41	2	("5152769").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/18 09:19
S42	18	(US-20050113848-\$ or US-20030181926-\$ or US-20020049453-\$ or US-20010039401-\$).did. or (US-7122040-\$ or US-6022360-\$ or US-5662663-\$ or US-5575800-\$ or US-5507757-\$ or US-5503634-\$ or US-5520703-\$ or US-5374275-\$ or US-5403328-\$ or US-5152769-\$ or US-7083630-\$ or US-5738665-\$ or US-5151089-\$ or US-5366476-\$). did.	US-PGPUB; USPAT	OR	ON	2006/10/18 09:56
S43	41	(US-20050216037-\$ or US-20050059982-\$ or US-20050038449-\$ or US-20040236356-\$ or US-20030055438-\$ or US-20020095164-\$ or US-20040171989-\$ or US-20030158582-\$ or US-20020072711-\$).did. or (US-6921408-\$ or US-6663643-\$ or US-6562052-\$ or US-6206893-\$ or US-6183484-\$ or US-6126665-\$ or US-6117144-\$ or US-6113610-\$ or US-5964773-\$ or US-5980538-\$ or US-6475135-\$ or US-5817108-\$ or US-5741277-\$ or US-5749879-\$ or US-5665096-\$ or US-5645552-\$ or US-5632752-\$ or US-5626588-\$ or US-5258007-\$ or US-5571119-\$ or US-5562686-\$ or US-5468251-\$ or US-5215528-\$ or US-5368601-\$ or US-5144961-\$ or US-5728113-\$). did. or (US-5205829-\$ or US-6030402-\$ or US-5538509-\$ or US-2246495-\$ or US-3570076-\$). did. or (US-2959172-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 09:56

## EAST Search History

S44	30	(US-20040034372-\$ or US-20050070923-\$ or US-20040010227-\$ or US-20030144627-\$).did. or (US-7041111-\$ or US-6022360-\$ or US-5919199-\$ or US-6074401-\$ or US-5628757-\$ or US-5697941-\$ or US-5662663-\$ or US-5653717-\$ or US-5632752-\$ or US-5613975-\$ or US-5573542-\$ or US-5503634-\$ or US-5531699-\$ or US-5468251-\$ or US-5439469-\$ or US-5364410-\$ or US-5320632-\$ or US-5152769-\$ or US-4911164-\$ or US-5336239-\$ or US-4222383-\$ or US-4417532-\$ or US-4485995-\$).did. or (US-5632752-\$ or GB-2420980-\$). did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/18 09:56
S45	41	(US-20050216037-\$ or US-20050059982-\$ or US-20050038449-\$ or US-20040236356-\$ or US-20030055438-\$ or US-20020095164-\$ or US-20040171989-\$ or US-20030158582-\$ or US-20020072711-\$).did. or (US-6921408-\$ or US-6663643-\$ or US-6562052-\$ or US-6206893-\$ or US-6183484-\$ or US-6126665-\$ or US-6117144-\$ or US-6113610-\$ or US-5964773-\$ or US-5980538-\$ or US-6475135-\$ or US-5817108-\$ or US-5741277-\$ or US-5749879-\$ or US-5665096-\$ or US-5645552-\$ or US-5632752-\$ or US-5626588-\$ or US-5258007-\$ or US-5571119-\$ or US-5562686-\$ or US-5468251-\$ or US-5215528-\$ or US-5368601-\$ or US-5144961-\$ or US-5728113-\$). did. or (US-5205829-\$ or US-6030402-\$ or US-5538509-\$ or US-2246495-\$ or US-3570076-\$). did. or (US-2959172-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 09:56
S46	83	S42 or S43 or S44 or S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/18 09:57

## EAST Search History

S47	11	S46 and (sterilization or autoclave)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/19 09:43
S48	66	S46 and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/18 16:05
S49	56	S46 and handle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/18 10:20
S50	65	S46 and tip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/18 10:20
S51	66	S46 and (arm or member)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/18 10:20
S52	35	S49 and S50 and S51 and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/18 13:42
S53	73	("20040236356" "5273053" "5336239" "5374275" "5403328" "5431666" "5437680" "5466251" "5468251" "5613975" "5628757" "5632752" "5662663" "5665096" "5665096" "5690652" "5776148" "5824009" "5827291" "5830125" "5830220" "5876412" "5904692" "5908426" "5919199" "5948001" "5964773" "6059800" "6077278" "6110183" "6152936" "6283979" "6306158" "6322570" "6332889" "6346111" "6355050" "6443962").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/18 13:45
S54	18	("0532306"   "1539221"   "2363334"   "4235177"   "4597390"   "4635638"   "5300082"   "5376096"   "5454819"   "5496336"   "5573542"   "5643289"   "5792151").PN. OR ("6077278").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 13:48

## EAST Search History

S55	18	("2579192"   "5350385"   "5782844").PN. OR ("5919199").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 13:49
S56	29	("0385586"   "2738790"   "4890614"   "5192287"   "5217470"   "5217471"   "5222508"   "5234443"   "5236443"   "5254105"   "5258000"   "5281237"   "5308353"   "5318577"   "5320632"   "5336239"   "5350385").PN. OR ("5439469").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 13:58
S57	755	(606/144).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/18 14:43
S58	1793312	S46 and stainless steel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/18 16:06
S59	40	S46 and (stainless adj steel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/18 16:06
S60	369	S57 and left	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/18 16:29
S61	49	S57 and left near hand	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/18 16:29
S62	18	(US-20050113848-\$ or US-20030181926-\$ or US-20020049453-\$ or US-20010039401-\$).did. or (US-7122040-\$ or US-6022360-\$ or US-5662663-\$ or US-5575800-\$ or US-5507757-\$ or US-5503634-\$ or US-5520703-\$ or US-5374275-\$ or US-5403328-\$ or US-5152769-\$ or US-7083630-\$ or US-5738665-\$ or US-5151089-\$ or US-5366476-\$). did.	US-PGPUB; USPAT	OR	ON	2006/10/19 09:43

## EAST Search History

S63	41	(US-20050216037-\$ or US-20050059982-\$ or US-20050038449-\$ or US-20040236356-\$ or US-20030055438-\$ or US-20020095164-\$ or US-20040171989-\$ or US-20030158582-\$ or US-20020072711-\$).did. or (US-6921408-\$ or US-6663643-\$ or US-6562052-\$ or US-6206893-\$ or US-6183484-\$ or US-6126665-\$ or US-6117144-\$ or US-6113610-\$ or US-5964773-\$ or US-5980538-\$ or US-6475135-\$ or US-5817108-\$ or US-5741277-\$ or US-5749879-\$ or US-5665096-\$ or US-5645552-\$ or US-5632752-\$ or US-5626588-\$ or US-5258007-\$ or US-5571119-\$ or US-5562686-\$ or US-5468251-\$ or US-5215528-\$ or US-5368601-\$ or US-5144961-\$ or US-5728113-\$). did. or (US-5205829-\$ or US-6030402-\$ or US-5538509-\$ or US-2246495-\$ or US-3570076-\$). did. or (US-2959172-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/19 09:43
S64	30	(US-20040034372-\$ or US-20050070923-\$ or US-20040010227-\$ or US-20030144627-\$).did. or (US-7041111-\$ or US-6022360-\$ or US-5919199-\$ or US-6074401-\$ or US-5628757-\$ or US-5697941-\$ or US-5662663-\$ or US-5653717-\$ or US-5632752-\$ or US-5613975-\$ or US-5573542-\$ or US-5503634-\$ or US-5531699-\$ or US-5468251-\$ or US-5439469-\$ or US-5364410-\$ or US-5320632-\$ or US-5152769-\$ or US-4911164-\$ or US-5336239-\$ or US-4222383-\$ or US-4417532-\$ or US-4485995-\$).did. or (US-5632752-\$ or GB-2420980-\$). did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/19 12:14

## EAST Search History

S65	41	(US-20050216037-\$ or US-20050059982-\$ or US-20050038449-\$ or US-20040236356-\$ or US-20030055438-\$ or US-20020095164-\$ or US-20040171989-\$ or US-20030158582-\$ or US-20020072711-\$).did. or (US-6921408-\$ or US-6663643-\$ or US-6562052-\$ or US-6206893-\$ or US-6183484-\$ or US-6126665-\$ or US-6117144-\$ or US-6113610-\$ or US-5964773-\$ or US-5980538-\$ or US-6475135-\$ or US-5817108-\$ or US-5741277-\$ or US-5749879-\$ or US-5665096-\$ or US-5645552-\$ or US-5632752-\$ or US-5626588-\$ or US-5258007-\$ or US-5571119-\$ or US-5562686-\$ or US-5468251-\$ or US-5215528-\$ or US-5368601-\$ or US-5144961-\$ or US-5728113-\$). did. or (US-5205829-\$ or US-6030402-\$ or US-5538509-\$ or US-2246495-\$ or US-3570076-\$). did. or (US-2959172-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/19 09:43
S66	83	S62 or S63 or S64 or S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/19 09:43
S67	2	S66 and autoclave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/19 09:43
S68	18	("0532306"   "1539221"   "2363334"   "4235177"   "4597390"   "4635638"   "5300082"   "5376096"   "5454819"   "5496336"   "5573542"   "5643289"   "5792151").PN. OR ("6077278").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/19 13:32

## EAST Search History

S69	18	(US-20050113848-\$ or US-20030181926-\$ or US-20020049453-\$ or US-20010039401-\$).did. or (US-7122040-\$ or US-6022360-\$ or US-5662663-\$ or US-5575800-\$ or US-5507757-\$ or US-5503634-\$ or US-5520703-\$ or US-5374275-\$ or US-5403328-\$ or US-5152769-\$ or US-7083630-\$ or US-5738665-\$ or US-5151089-\$ or US-5366476-\$). did.	US-PGPUB; USPAT	OR	ON	2006/10/19 13:34
S70	41	(US-20050216037-\$ or US-20050059982-\$ or US-20050038449-\$ or US-20040236356-\$ or US-20030055438-\$ or US-20020095164-\$ or US-20040171989-\$ or US-20030158582-\$ or US-20020072711-\$).did. or (US-6921408-\$ or US-6663643-\$ or US-6562052-\$ or US-6206893-\$ or US-6183484-\$ or US-6126665-\$ or US-6117144-\$ or US-6113610-\$ or US-5964773-\$ or US-5980538-\$ or US-6475135-\$ or US-5817108-\$ or US-5741277-\$ or US-5749879-\$ or US-5665096-\$ or US-5645552-\$ or US-5632752-\$ or US-5626588-\$ or US-5258007-\$ or US-5571119-\$ or US-5562686-\$ or US-5468251-\$ or US-5215528-\$ or US-5368601-\$ or US-5144961-\$ or US-5728113-\$). did. or (US-5205829-\$ or US-6030402-\$ or US-5538509-\$ or US-2246495-\$ or US-3570076-\$). did. or (US-2959172-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/19 14:52

## EAST Search History

S71	30	(US-20040034372-\$ or US-20050070923-\$ or US-20040010227-\$ or US-20030144627-\$).did. or (US-7041111-\$ or US-6022360-\$ or US-5919199-\$ or US-6074401-\$ or US-5628757-\$ or US-5697941-\$ or US-5662663-\$ or US-5653717-\$ or US-5632752-\$ or US-5613975-\$ or US-5573542-\$ or US-5503634-\$ or US-5531699-\$ or US-5468251-\$ or US-5439469-\$ or US-5364410-\$ or US-5320632-\$ or US-5152769-\$ or US-4911164-\$ or US-5336239-\$ or US-4222383-\$ or US-4417532-\$ or US-4485995-\$).did. or (US-5632752-\$ or GB-2420980-\$). did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/19 14:52
S72	41	(US-20050216037-\$ or US-20050059982-\$ or US-20050038449-\$ or US-20040236356-\$ or US-20030055438-\$ or US-20020095164-\$ or US-20040171989-\$ or US-20030158582-\$ or US-20020072711-\$).did. or (US-6921408-\$ or US-6663643-\$ or US-6562052-\$ or US-6206893-\$ or US-6183484-\$ or US-6126665-\$ or US-6117144-\$ or US-6113610-\$ or US-5964773-\$ or US-5980538-\$ or US-6475135-\$ or US-5817108-\$ or US-5741277-\$ or US-5749879-\$ or US-5665096-\$ or US-5645552-\$ or US-5632752-\$ or US-5626588-\$ or US-5258007-\$ or US-5571119-\$ or US-5562686-\$ or US-5468251-\$ or US-5215528-\$ or US-5368601-\$ or US-5144961-\$ or US-5728113-\$). did. or (US-5205829-\$ or US-6030402-\$ or US-5538509-\$ or US-2246495-\$ or US-3570076-\$). did. or (US-2959172-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/19 13:35
S73	83	S69 or S70 or S71 or S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/19 13:34

## EAST Search History

S74	6896	needle and (moveable near\$2 arm) and tip and actuator.bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/19 13:35
S75	2	("5628757").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/19 14:54
S76	4	(US-5151089-\$ or US-5336239-\$ or US-7122040-\$ or US-5628757-\$). did.	USPAT	OR	ON	2006/10/19 15:07
S77	1	S76 and steel	USPAT	OR	ON	2006/10/19 15:08
S78	3	S76 and material	USPAT	OR	ON	2006/10/19 15:08
S79	2	("6077278").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/19 16:33
S80	4	("2692415").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/19 17:42